OLIFF & BERRIDGE, PLC

ATTORNEYS AT LAW

August 8, 2005

U.S. PATENT AND TRADEMARK OFFICE
FACSIMILE TRANSMISSION COVER SHEET

To: In re the Application of	FOR FILING IN THE U.S. PATENT AND TRADEMARK OFFICE
Gene M. NITSCHKE	
Application No.: 09/411,642	Group Art Unit: 2173
Filed: October 4, 1999	Docket No.: 103045
For: METHOD AND SYSTEM TO ESTABLISH DEDICATED INTERFACES FOR THE MANIPULATION OF SEGMENTED IMAGES	*Appeal # 2003 - 1585*

Examiner: R. Bayeral

Facsimile: (571) 273-8300
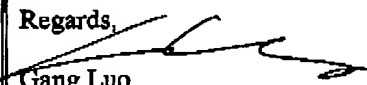
From: Gang Luo

Prepared By: sqb

Number of Pages Sent (Including cover sheet): 21

Comments:

Dear Examiner Bayeral:

Thank you for your August 8 telephone call, indicating that the above-identified application has been allowed. As requested, we provide a copy of the February 26, 2002 Office Action in its entirety. Please let me know if you need more documents.

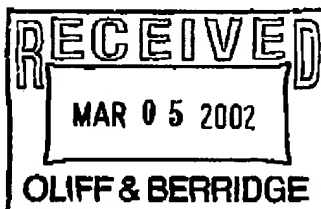Regards,

Gang Luo

Sent by: _____

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E-mailed to Xerox ~~3/5/02~~

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/411,642	10/04/1999	GENE M. NITSCHKE	103045	8598

7590   02/26/2002

OLIFF & BERRIDGE PLC
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ALEXANDRIA, VA 22320

RECEIVED MAR 0 5 2002 OLIFF & BERRIDGE

EXAMINER
THAI, CUONG T

ART UNIT	PAPER NUMBER
2173	

DATE MAILED: 02/26/2002   *May 26, 2002*

REJECTION

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED
By _____ on _3/5_ 2002
and
By _____ on _3/5_ 2002
Oliff & Berridge

PTO-90C (Rev. 07-01)

Office Action Summary	Application No. 09/411,642	Applicant(s) IRENE M. NITSCHKE	
	Examiner QUONG T THAI	Group Art Unit 2173	

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _THREE_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

☐ Responsive to communication(s) filed on _____

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 1 1; 453 O.G. 213.

Disposition of Claims

☒ Claim(s) _____1 – 21_____ is/are pending in the application.

    Of the above claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) _____1 – 21_____ is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 11 9(a)-(d).

    ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

    ☐ received.

    ☐ received in Application No. (Series Code/Serial Number) _____

    ☐ received in this national stage application from the International Bureau (PCT Rule 1 7.2(a)).

    *Certified copies not received: _____

Attachment(s)

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). _5_   ☐ Interview Summary, PTO-413

☒ Notice of Reference(s) Cited, PTO-892   ☐ Notice of Informal Patent Application, PTO-152

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948   ☐ Other _____

Office Action Summary

U. S. Patent and Trademark Office
PTO-326 (Rev. 9-07)   *U.S. GPO: 1997-433-221/62717   Part of Paper No. _6_

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Part III   DETAILED ACTION

Specification

1.   Claims 1-21 are presented for examination.

2.   Applicant is reminded of the duty to fully disclose
information under 37 CFR 1.56.

3.   The Examiner have considered both Information Disclosure
Statement filed on Oct/04/1999 (Paper # 2) and Mar/02/2001 (Paper
5). However, Examiner only return PTO-1449 corresponding to
Mar/02/2001 along with this Action because there is no form PTO-
1449 for Oct/04/1999.

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms
the basis for all obviousness rejections set forth in this Office
action:

   (a) A patent may not be obtained though the invention is not identically
   disclosed or described as set forth in section 102 of this title, if the

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differences between the subject matter sought to be patented and the prior

art are such that the subject matter as a whole would have been obvious at

the time the invention was made to a person having ordinary skill in the

art to which said subject matter pertains. Patentability shall not be

negatived by the manner in which the invention was made.

5.   Claims 1-3, 6, 9-14, 16 and 21 are rejected under 35 U.S.C.

103(a) as being unpatentable over Yair (USPN: 5,787,194) in view

of Goldberg (USPN: 6,341,183).

As per claims 1(system), 10(storage-medium), and 12(method);

Yair teaches a system that assembles a dedicated user interface

that allows an input segmented image to be manipulated

comprising:

a segmentation classification association circuit taht

associates a segmentation classifier and at least one segment of

the input segmented image is taught by Yair as the technique of

provides image processing apparatus for segmenting an input image

into image portions each containing a single character, the

apparatus comprising identification logic for identifying

connected components in the input image; classification logic for

determining into which of a number of predefined classes a

connected component falls (see column 2, lines 8-14);

Yair, however, does not disclose the limitation of an image processing tool association circuit that determines at least one image processing tool corresponding to the segmentation classifier;

Goldberg discloses the limitation of an image processing tool association circuit that determines at least one image processing tool as the technique of an event-driven graphical user interface (GUI)-based image acquisition interface for the interactive data language programming environment developed by Research Systems, Inc. (See column 2, lines 21-25) which include Analysis Toobbox. Advantageously, a toolbox of various analytical tools can be incorporated into the GUI-based image acquisition interface (see column 8, lines 25-28);

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include the limitation of an image processing tool association circuit that determines at least one image processing tool by Goldberg into that of Yair's segment classifier invention. By doing so, the system would enhance by providing real-time data analysis support for images acquired during the alignment of image acquisition analysis.

As per claims 2(system), 11(storage-medium), and 13(method); Yair discloses the invention substantially as claimed. Yair,

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however, does not disclose the limitation of a user interface
assembly circuit that assemble at least one selectable interface
widget into at least one user interface based on the at least one
image processing tool corresponding to the segmentation
classifier;

Goldberg discloses the limitation of a user interface
assembly circuit that assemble at least one selectable interface
widget into at least one user interface based on the at least one
image processing tool as the technique of an event-driven
graphical user interface (GUI)-based image acquisition interface
for the interactive data language programming environment
developed byResearch Systems, Inc. (See column 2, lines 21-25)
whcih include Analysis Toobbox. Advantageously, a toolbox of
various analytical tools can be incorporated into the GUI-based
image acquisition interface (see column 8, lines 25-28) wherein
the GUI interface program of the presentation provides the
following features: pulldown menu, commonly used hardware binning
options 14 are available, the available detector speeds 16 are
available from a pulldown menu (see column 4, lines 22-31) and in
order to switch qiuckly from one set of parameters to another,
the user pushes only one button 28 (see column 4, lines 50-52);

It would have been obvious to one having ordinary skilled in
the art at the time the invention was made to include the
limitation of a user interface assembly circuit that assemble at

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least one selectable interface widget into at least one user
interface based on the at least one image processing tool by
Goldberg into that of Yair's segment classifier invention. By
doing so, the system would enhance by providing better processing
tools in GUI-based interface to end users.

    As per claims 3(system) and 14(method); Yair discloses the
invention substantially as claimed. Yair, however, does not
disclose the limitation of the system modifies the at least one
segment based on a selection of the at least one image processing
tool associated with the at least one user interface;

    Goldberg discloses the limitation of the system modifies the
at least one segment based on a selection of the at least one
image processing tool associated with the at least one user
interface as the technique of Four tools are described herein.
They are the Fourier transform Aligment Tool, the Contrast Tool,
the Wavefront Tool, and the Zernike Polynomial Tool. It is not
difficult to modify the existing tools or add additional tools to
expand the capabilities of the toolbox (see column 8, lines 59-
63);

    It would have been obvious to one having ordinary skilled in
the art at the time the invention was made to include the
limitation of modifying the at least one segment based on a
selection of the at least one image processing tool associated

with the at least one user interface by Goldberg into that of
Yair's segment classifier invention. By doing so, the system
would enhance by providing more varieties and selectable
processing tools in GUI-based interface to end user wherein the
user has capable of selecting tool based on his/her own desired
manner.

        As per claims 9(system) and 21(method); Yair discloses the
invention substantially as claimed. Yair, however, does not
disclose the limitation of wherein the dedicated user interface
is a graphical user interface comprising at least one of drop-
down menu, a pull-down menu, a radio button, a tab button, a
segment display area or a slide bar;
        Goldberg discloses the limitation of wherein the dedicated
user interface is a graphical user interface comprising at least
one of drop-down menu, a pull-down menu, a radio button, a tab
button, a segment display area or a slide bar as the technique of
the GUI interface program of the present invention provides the
following features: using a pulldown menu, commonly used hardware
binning options 14 are available (see column 4, lines 22-29),
modes 26 selected by buttons 28(see column 4, lines 45-46),
large GO and STOP buttons (see column 5, line 11), the image
size can be scaed for display from 1/4 th size to 8 times large
in multiples of 1/4 size using a scroll-bar, or slide 112 (see

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column 5, lines 63-65), and using the pull-down menu 508 at the

top of the toolbox window, the direction of the data stripe used

to access contrast can be set to vertical or horizontal (see

column 9, lines 62-64);

It would have been obvious to one having ordinary skilled in

the art at the time the invention was made to include the

limitation of wherein the dedicated user interface is a graphical

user interface comprising at least one of drop-down menu, a pull-

down menu, a radio button, a tab button, a segment display area

or a slide bar by Goldberg into that of Yair's segment classifier

invention. By doing so, the system would enhance by providing

more selectable tools in GUI-based interface to end user wherein

the user has capable of selecting tool based on his/her own

desired manner.

As per claims 6(system) and 16(method), the limitation of s

segmentation selection circuit that selects the at least one

segment is taught by Yair as the technique of identifying

connected components in the input image; classifying the

connected components by determining into which of a number of

predefined classes a connected components falls, at least one of

said classes indicating that the connected component is most

likely to be single character; and iteratively merging and

slitting the connected components and reclassifying the resulting

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slit and/or merged connected components until an image

segmentation is achieved which meets a predefined criterion (see

column 3, lines 42-50). These claims are therefore rejected for

the reason as set forth above.

6.   Claims 4-5, 15 and 20 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Yair (USPN: 5,787,194) in view of

Goldberg (USPN: 6,341,183) and further in view of Marimont et al.

(USPN: 5,710,877) hereinafter Marimont.

     As per claims 4(system) and 15(method), Yair-Goldberg

disclose the invention substantially as claimed. Yair-Goldberg,

however, do not disclose the limitation of a segmentation mapping

circuit that determines the at least one segment based on a

position of a user input device in the input segmented image;

     Marimont discloses the limitation of a segmentation mapping

circuit that determines the at least one segment based on a

position of a user input device in the input segmented image as

the technique of the discovery of a data structure representation

of an image called an image structure map (ISM) that accurately

and explicitly represents the geometric and topological

properties of an image and allows for efficient and accurate

spatial indexing of regions of an image (see column 3, lines 9-

14). Marimont's image structure map (ISM) invention further

discloses ※input signal circuitry※ is circuitry for providing
input signals to the processor from an input signal source. The
input signal source may be directed by a human user or by an
automatic operation under control of a processor. ※User input
circuitry※ is circuitry for providing signals based on action of
a user. User input circuitry can receive signals from one or more
※user input devices※ that provide signals based on actions of a
user, such as a keyboard, a mouse, or stylus device (see column
9, lines 53-61)..For example, a signal from a user input device
indicates a position of an image if the signal includes data from
which the position can be uniquely identified (see column 10,
lines 4-6);

It would have been obvious to one having ordinary skilled in
the art at the time the invention was made to include the
limitation of a segmentation mapping circuit that determines the
at least one segment based on a position of a user input device
in the input segmented image by Marimont into that of Yair-
Goldberg combined invention. By doing so, the system would
enhance by permitting user interaction with the structures in an
origional image through image structure mapping.

As per claims 5(system) and 20(method), Yair-Goldberg
disclose the invention substantially as claimed. Yair-Goldberg,
however, do not disclose the limitation of the segment mapping

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circuit highlights the at least one segment based on the position

of a user input device;

Marimont discloses the limitation of the segment mapping

circuit highlights the at least one segment based on the position

of a user input device as the technique of the method comprises

receiving an image interaction signal from the input circuitry

indicating an image interaction request from a user to modify an

image structure map data structure, referred to as in an image

structure map, that spatial indexes a displayed origional image.

The displayed origional image represents an origional image data

structure, referred to as an origional image, having image

locations therein specified according to a first coordinate

system (see column 5, lines 5-13);

It would have been obvious to one having ordinary skilled in

the art at the time the invention was made to include the

limitation of the segment mapping circuit highlights the at least

one segment based on the position of a user input device by

Marimont into that of Yair-Goldberg combined invention. By doing

so, the system would enhance by signaling the user to known where

is the location of the image structure map from which user will

interact with.

7.   Claims 7 and 17-18 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Yair (USPN: 5,787,194) in view of

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Goldberg (USPN: 6,341,183) and further in view of Lee et al.
(USPN: 6,026,182) hereinafter Lee.

    As per claims 7(system) and 17(method), Yair-Goldberg
disclose the invention substantially as claimed. Yair-Goldberg,
however, do not disclose the limitation of image processing tool
association determines the <u>at least one of</u> predefined
configuration association data, updatable configuration
association data or user configuration association data;

    Lee discloses the limitation of predefined configuration
association data as the technique of precomression extrapolation
method for extrapolating image features of arbitary configuration
to a predefined configuration (see column 22, lines 47-48);

    It would have been obvious to one having ordinary skilled in
the art at the time the invention was made to include the
limitation of predefined configuration association data by
Marimont into that of Goldberg image processing tool and further
into that of Yair-Goldberg combined invention. By doing so, the
system would enhance by providing predefined configuration tool
which available to image processing toolbox to end user.

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As per claim 18, due to the similarity of this claim to that of claim 17, this claim is therefore rejected for the same reason applied to claim 17.

8.   Claims 8 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yair (USPN: 5,787,194) in view of Goldberg (USPN: 6,341,183) and further in view of Mahoney (USPN: 6,009,196).

As per claims 8(system) and 19(method), Yair-Goldberg disclose the invention substantially as claimed. Yair-Goldberg, however, do not disclose the limitation of segmentation classifier corresponds to at least one of a photographic region, a half-tone region, a text region, a line art region, a black and white region or a color region;

Mahoney discloses the missing limitation of a text region as the technique of analyzing image data, and more particular to the analysis of image data representing images containing text to classify the types of non-running text regions therein without the need for predefining structure within the image. The invention first employs the characteristics of running text regions to distinguish them from non-running text regions in a page image (see column 1, lines 22-29);

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It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include the limitation of a text region (running text region and non-running text region) by Mahoney into that of Yair-Goldberg combined invention. By doing so, the system would enhance by providing more enhanced classifier tools to end user.

Conclusion

9.   The prior art made of record and relied upon is considered pertinent to applicant's disclosure.

10.   A shortened statutory period for response to this action is set to expired THREE (3) months, ZERO days from the date of this letter.   Failure to respond within the period for response will cause the application to be abandoned. 35 U.S.C. 133.

11.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cuong T. Thai whose telephone number is 703-308-7234.   The examiner can normally be reached on Monday-Friday from 7:30 AM to 4:00 PM.

Serial Number: 09/411,642   -15-

Art Unit: 2173

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

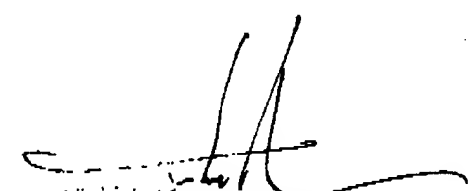(703) 308-9051 (for formal communications intended

for entry)

Or:

(703) 308-6606 (for informal or draft

communications, please label "PROPOSED" or

"DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Cuong T.Thai

February 22, 2002

JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Form PTO 948 (Rev. 8-98)   U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office   Application No. _09/411642_

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEW

The drawing(s) filed (insert date) _10/4/99_ are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
   Black ink. Color.
   ____ Color drawings are not acceptable until petiton is granted.
   Fig(s) _____
   ____ Pencil and non black ink not permitted. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
   ____ 1 full-tone set is required. Fig(s) _____
   ____ Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s) _____
   ____ Poor quality (half-tone). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)
   ____ Paper not flexible, strong, white, and durable.
   Fig(s) _____
   ____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
   ____ Mylar, velum paper is not acceptable (too thin).
   Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
   ____ 21.0 cm by 29.7 cm (DIN size A4)
   ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
   ____ All drawing sheets not the same size.
   Sheet(s) _____
   ____ Drawings sheets not an acceptable size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

   Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
   SIZE: A4 Size
   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
   SIZE: 8 1/2 x 11
   Margins not acceptable. Fig(s) _6_
   ☒ ____ Top (T)   ____ Left (L)
   ____ Right (R)   ____ Bottom (B)
6. VIEWS. 37 CFR 1.84(h)
   REMINDER: Specification may require revision to correspond to drawing changes.
   Partial views. 37 CFR 1.84(h)(2)
   ____ Brackets needed to show figure as one emity.
   Fig(s) _____
   ____ Views not labeled separately or properly.
   Fig(s) _____
   ____ Enlarged view not labeled separetely or properly.
   Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
   ____ Hatching not indicated for sectional portions of an object.
   Fig(s) _____
   ____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
   ____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. SCALE. 37 CFR 1.84(k)
   ____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
   Fig(s) _____
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
   ☒ Lines, number & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
   Fig(s) _1 - 7_
11. SHADING. 37 CFR 1.84(m)
   ____ Solid black are as pale. Fig(s) _____
   ____ Solid black shading not permitted. Fig(s) _____
   ____ Shade lines, pale, rough and blurred. Fig(s) _____
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
   ____ Numbers and reference characters not plain and legible.
   Fig(s) _____
   ____ Figure legends are poor. Fig(s) _____
   ____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
   Fig(s) _____
   ____ English alphabet not used. 37 CFR 1.84(p)(2)
   Figs _____
   ____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
   Fig(s) _____
13. LEAD LINES. 37 CFR 1.84(q)
   ____ Lead lines cross each other. Fig(s) _____
   ____ Lead lines missing. Fig(s) _____
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
   ____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
   ____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. CORRECTIONS. 37 CFR 1.84(w)
   ____ Corrections not made from prior PTO-948 dated _____
17. DESIGN DRAWINGS. 37 CFR 1.152
   ____ Surface shading shown not appropriate. Fig(s) _____
   ____ Solid black shading not used for color contrast.
   Fig(s) _____

COMMENTS

REVIEWER _____ DATE _12/6/99_ TELEPHONE NO. _____

(IDS paper # 5

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103045	APPLICATION NO. 09/411,642
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Gene M. NITSCHKE	
		FILING DATE October 4, 1999	GROUP ~~2773~~ 2173

RECEIVED MAR 5 2001 Technology Center 2100

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
QT		5,596,690	1/1997	STONE et al.		
QT		5,339,172	8/1994	ROBINSON		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
QT		EP 0 544 509 A2	6/1993	EUROPE		
QT		WO 99/35819	7/1999	WIPO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

QT		Sundaramoorthly, G. et al., "Graphical User Interface System for Automatic 3-D Medical Image Analysis", Proceedings of the 5th Annual IEEE Symposium on Computer-Based Medical Systems, New York, June 14-17, 1992, pages 421-428.

EXAMINER QUONG T. THAI	DATE CONSIDERED FEB/21/2002

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Notice of References Cited		Application No. 09/411,642	Applicant(s) GINE M NITSCHKE			
				Examiner CUONG T. THAI		Group Art Unit 2173	Page 1 of 2	

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